

FIG. 1

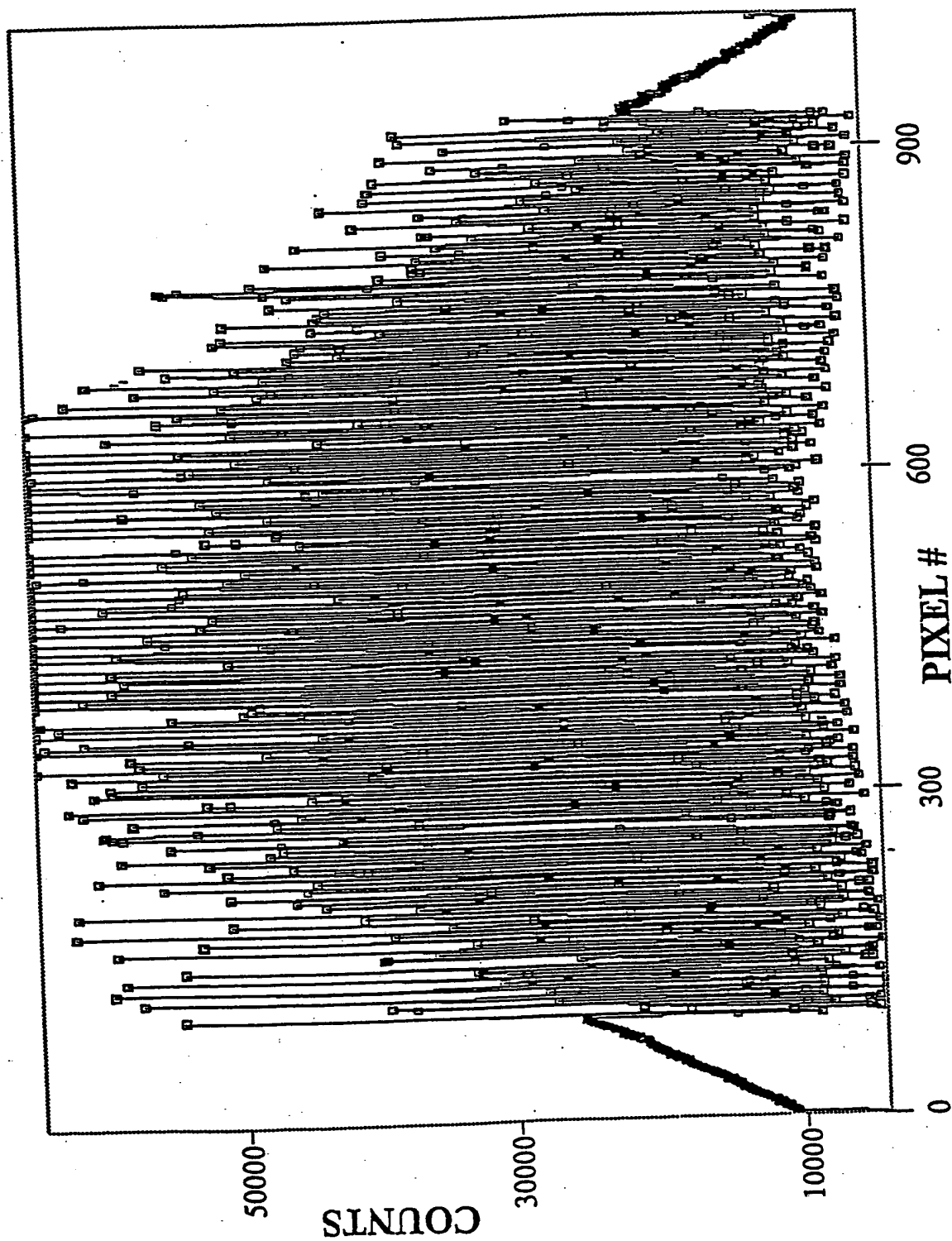


FIG. 2A

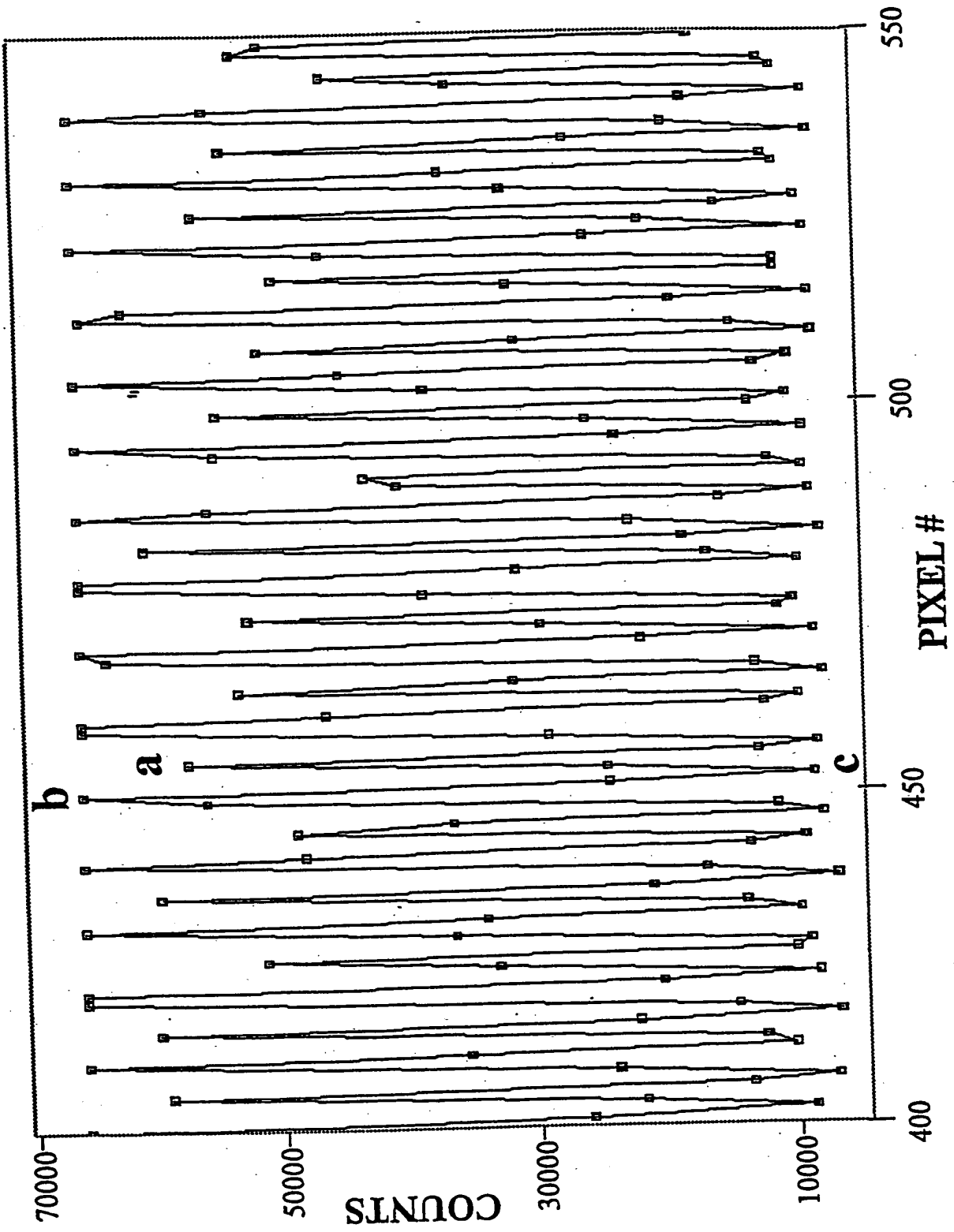


FIG. 2B

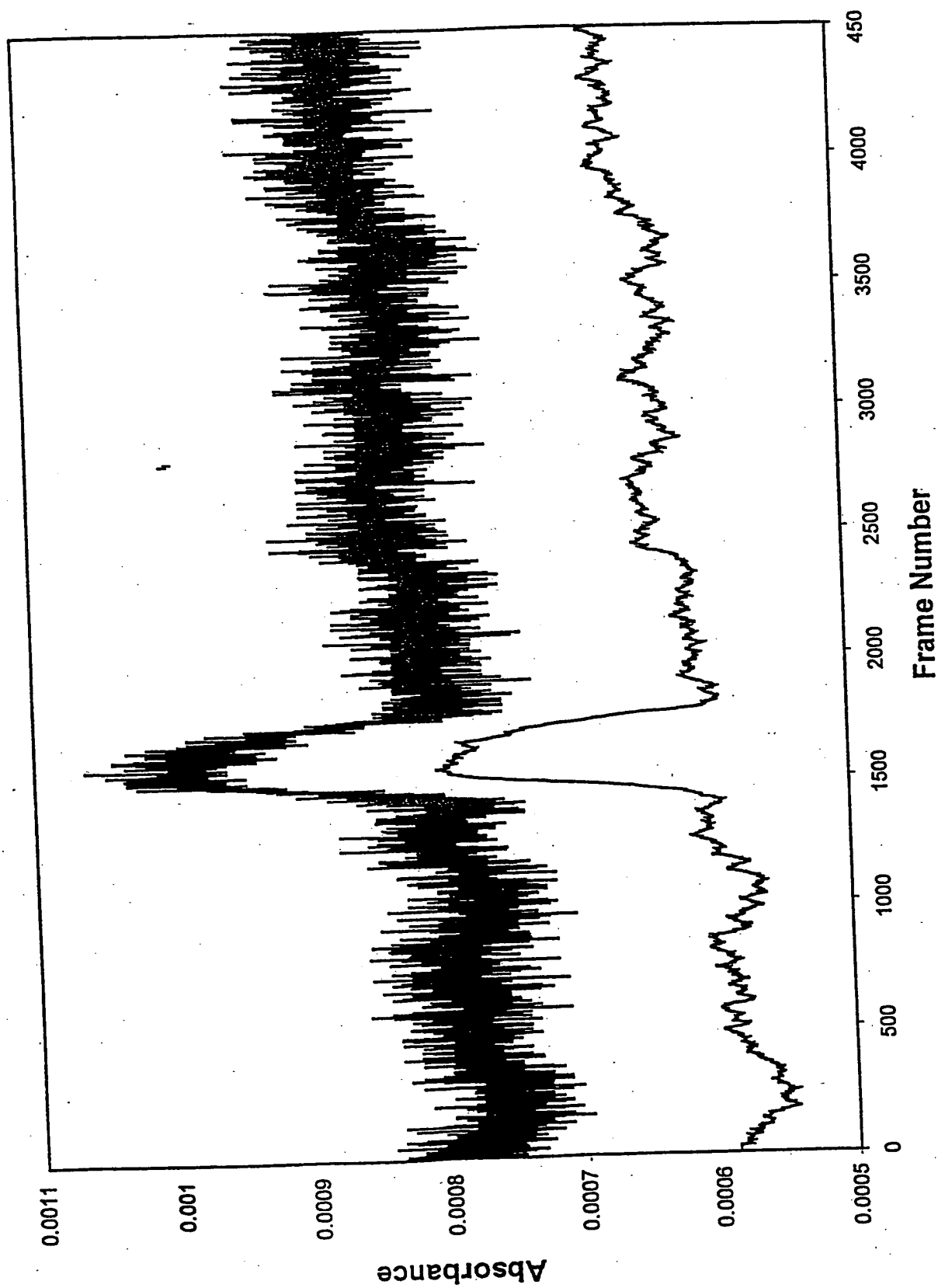


FIG. 3

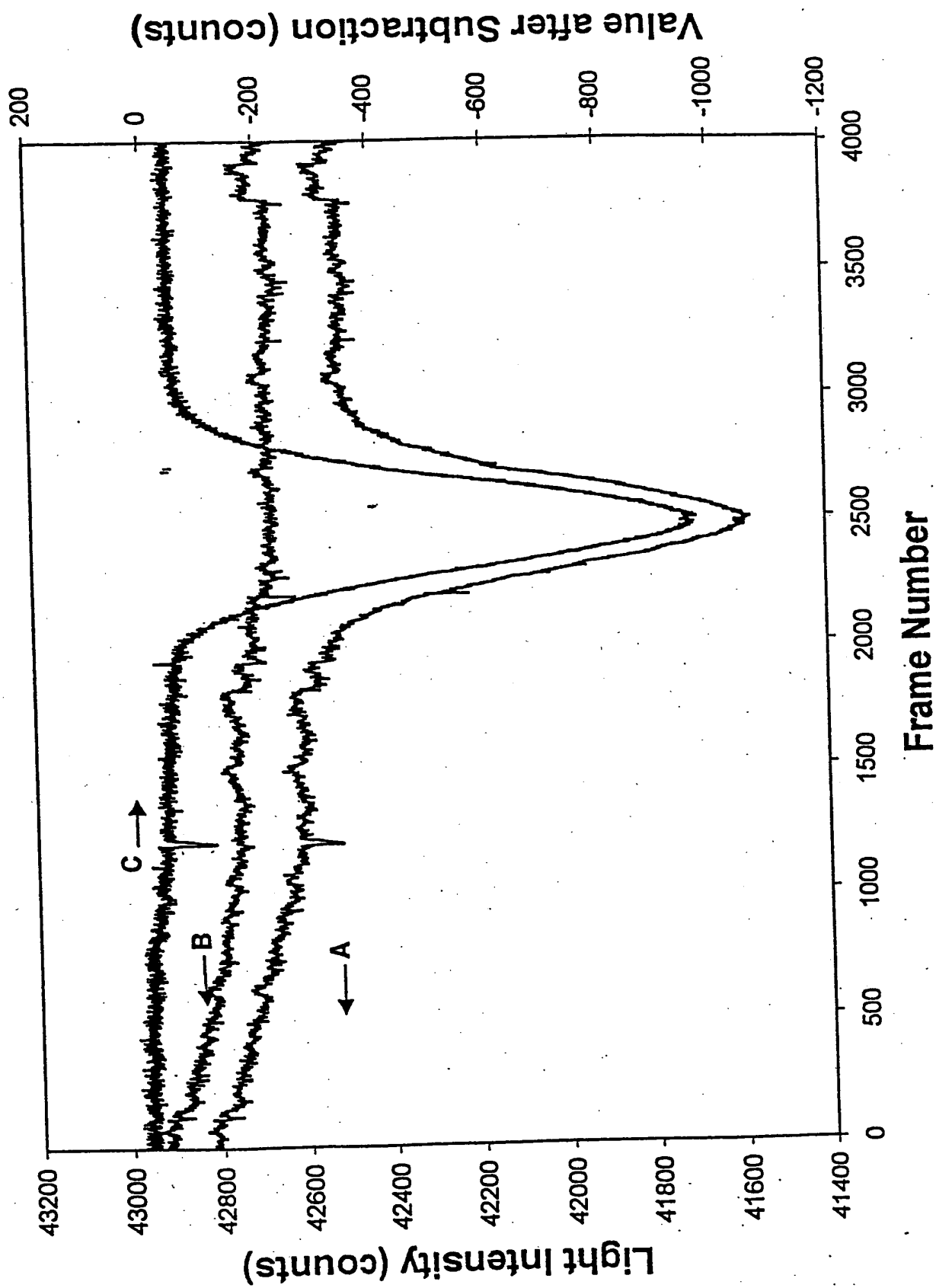


FIG. 4

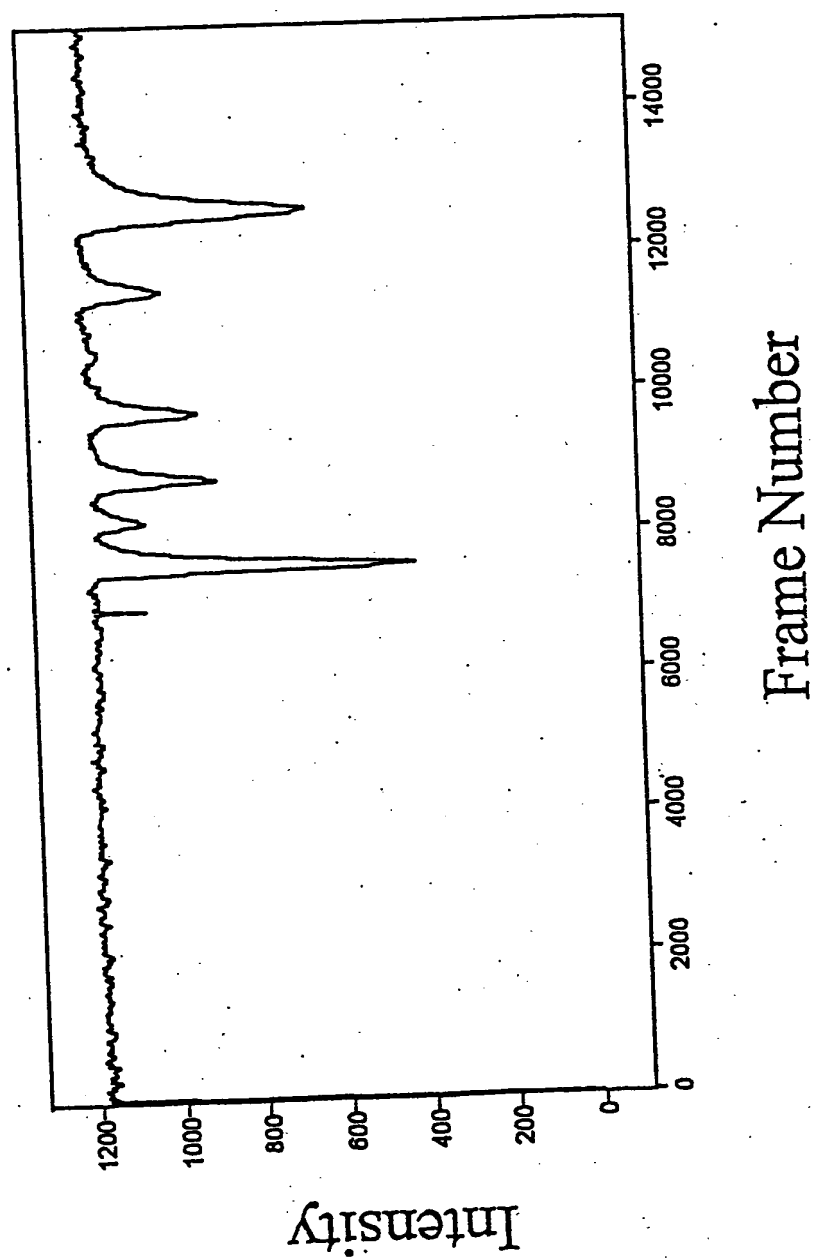


FIG. 5

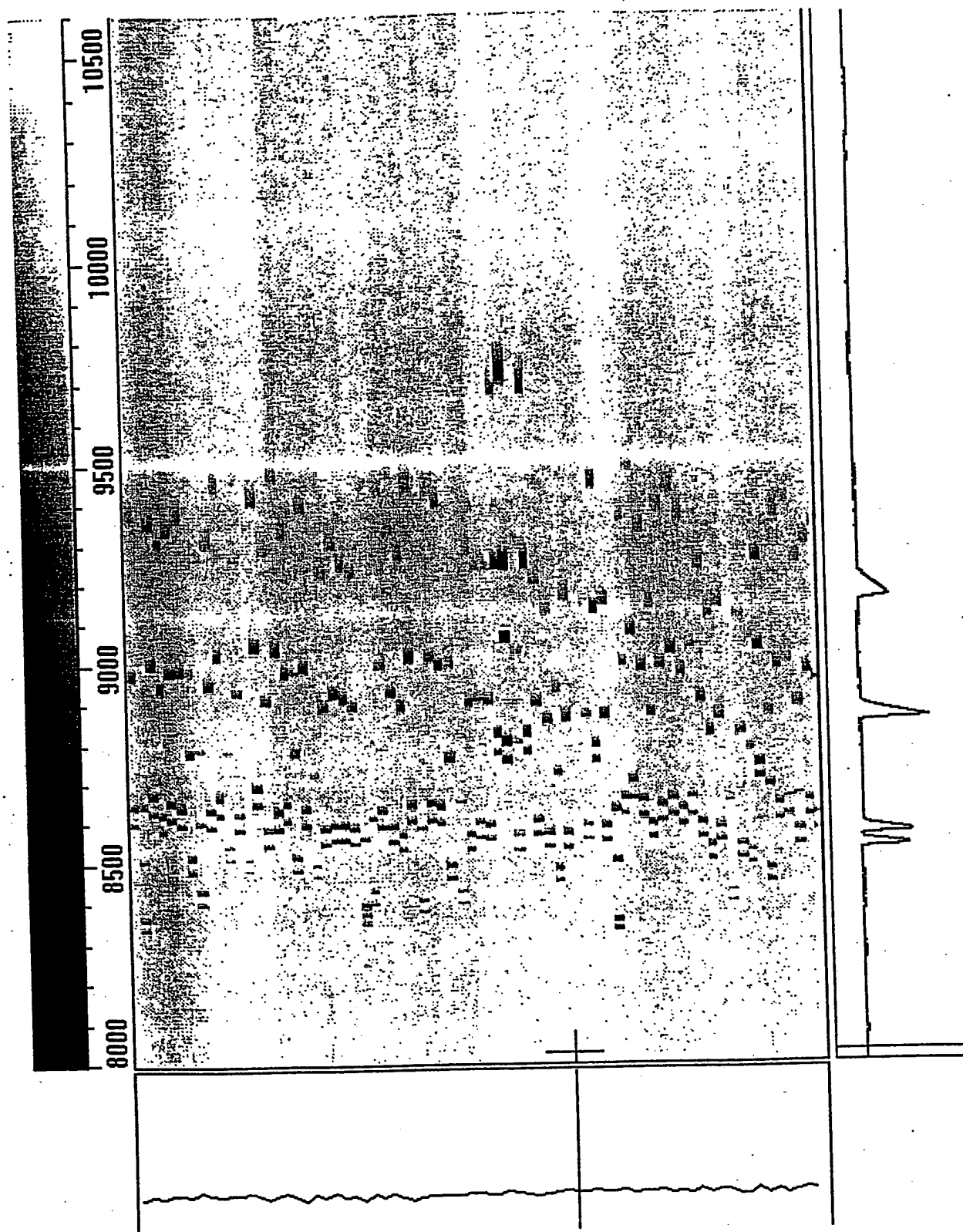


FIG. 6

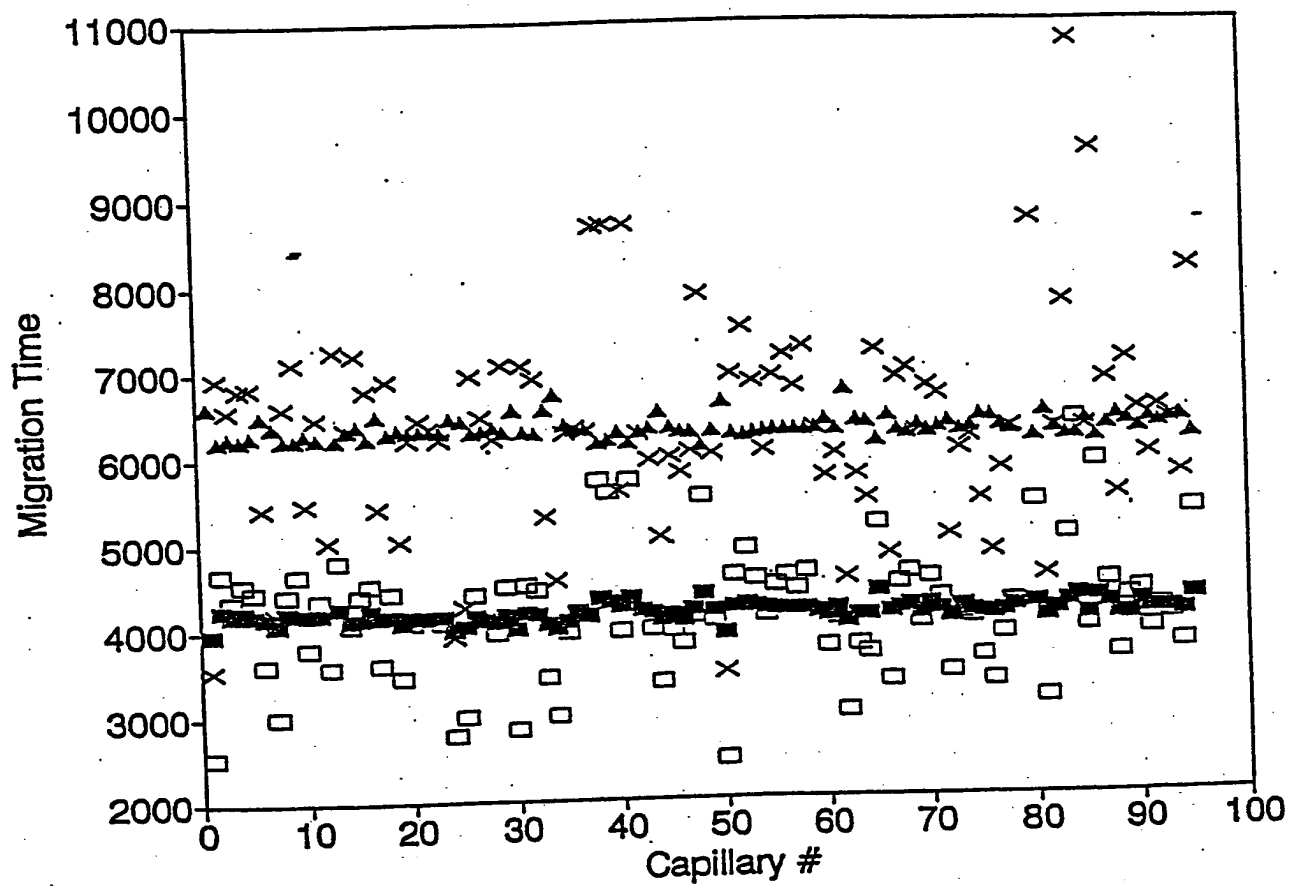


FIG. 7

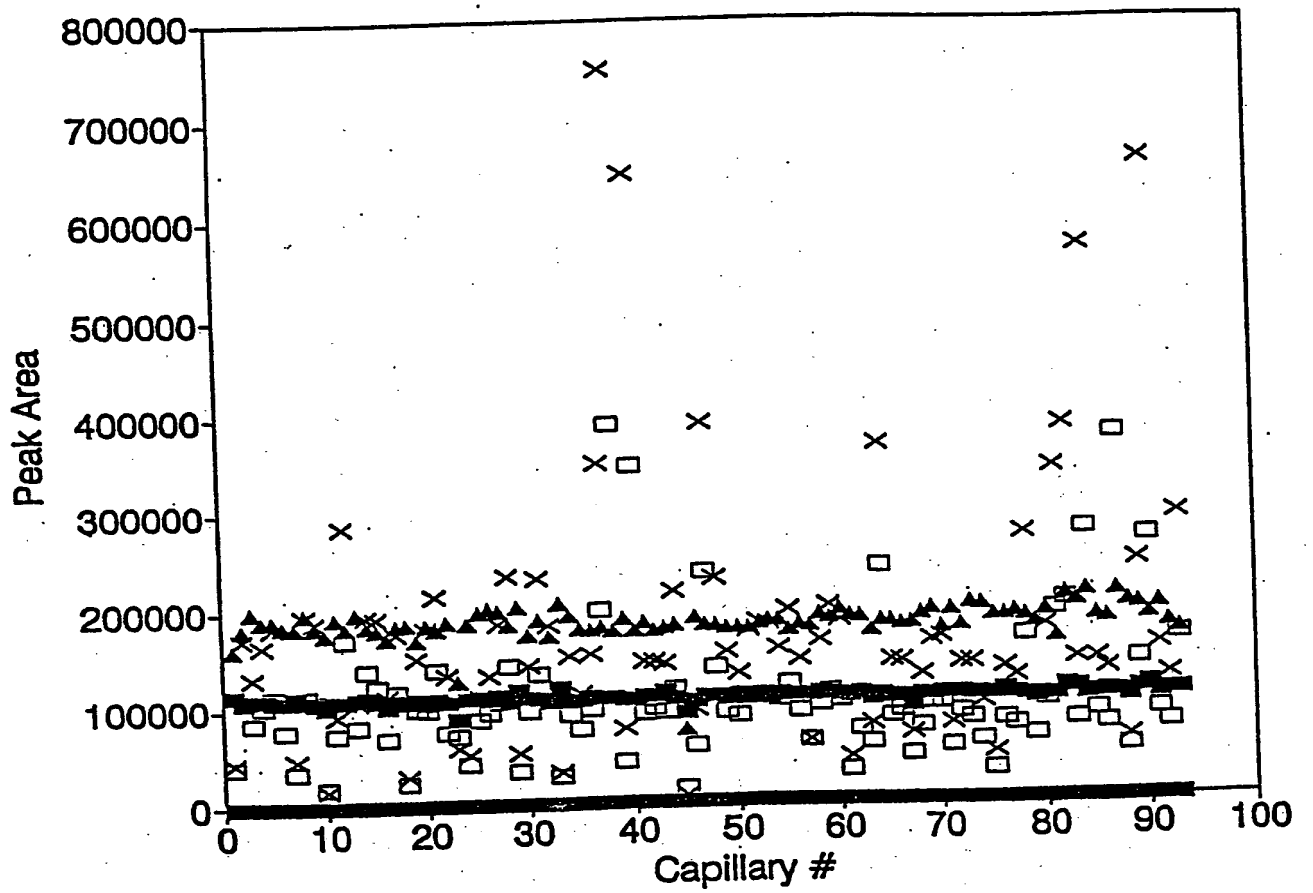


FIG. 8

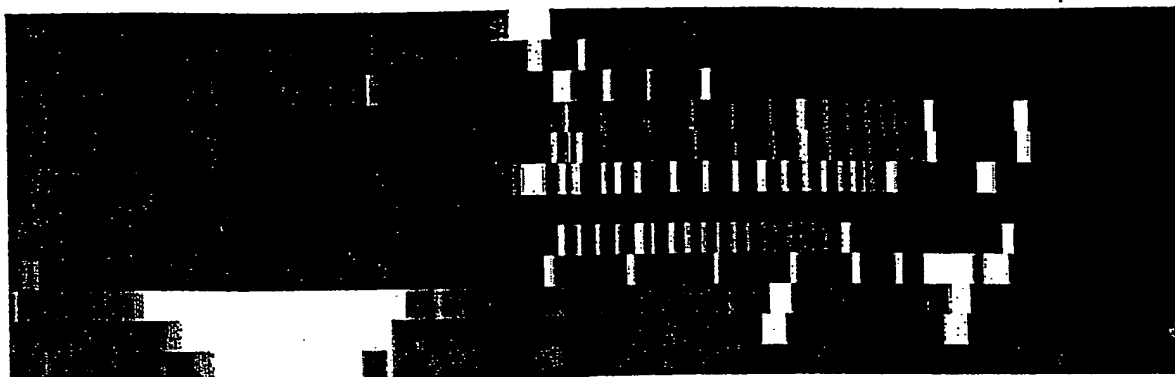


FIG. 9

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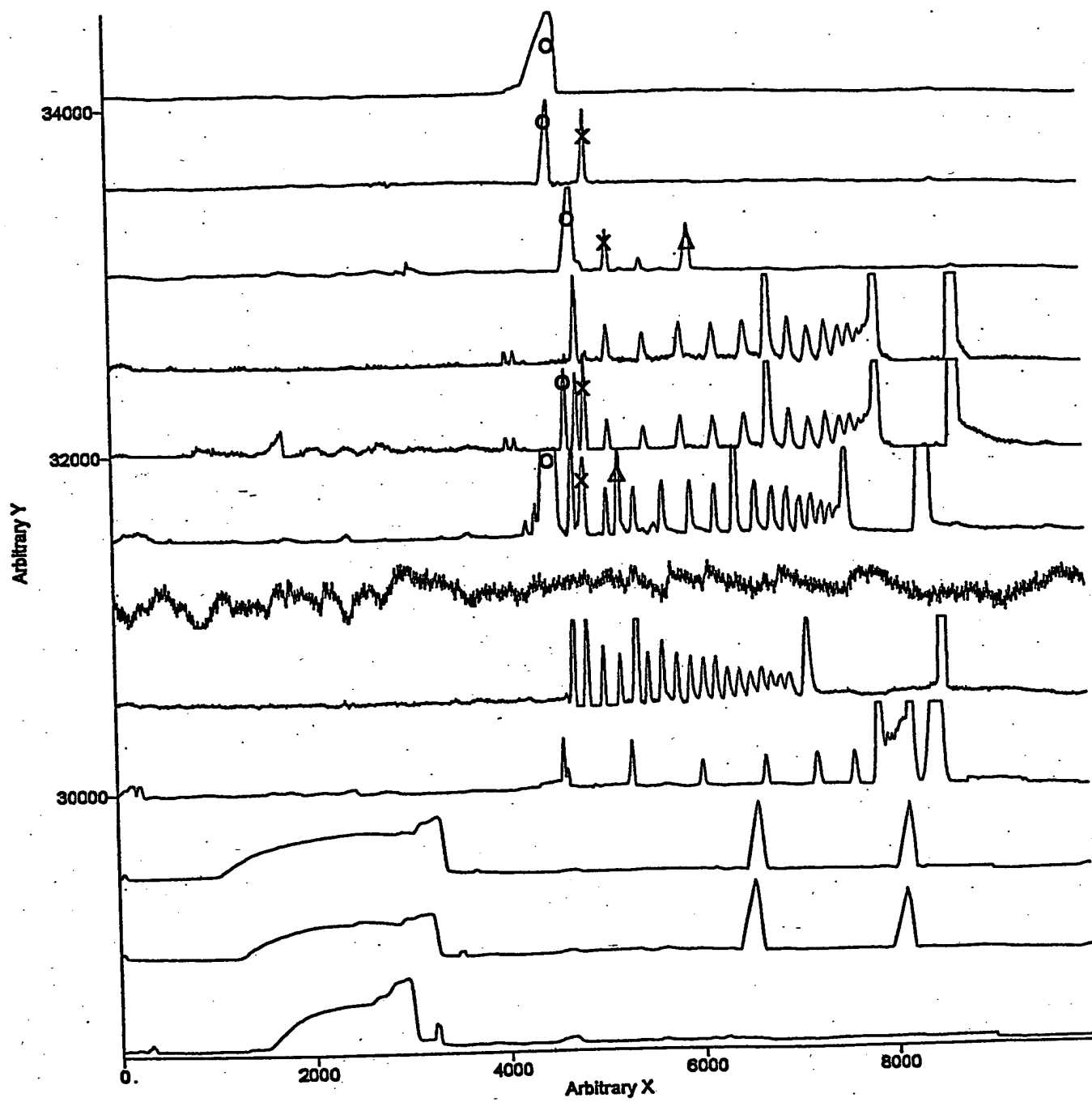


FIG. 10

1 11 21 31
H₂N-L-I-V-T-Q-T-M-K-G-L-D-I-Q-K-V-A-G-T-W-Y-S-L-A-M-A-A-S-D-I-S-L-L-D-A-Q-S-A-P-L-R-
41 51 61 71
V-Y-V-E-E-L-K-P-T-P-E-G-D-L-E-I-L-L-Q-K-W-E-N-G-E-C-A-Q-K-K-I-I-A-E-K-T-K-I-P-A-
81 91 101 111
V-F-K-I-D-A-L-N-E-N-K-V-L-V-L-D-T-D-Y-K-K-Y-L-L-F-C-M-E-N-S-A-E-P-E-Q-S-L-A-C-Q-
121 131 141 151
C-L-V-R-T-P-E-V-D-D-E-A-L-E-K-F-D-K-A-L-K-A-L-P-M-H-I-R-L-S-F-N-P-T-Q-L-E-E-Q-C-
161
H-I-COOH

FIG. 11

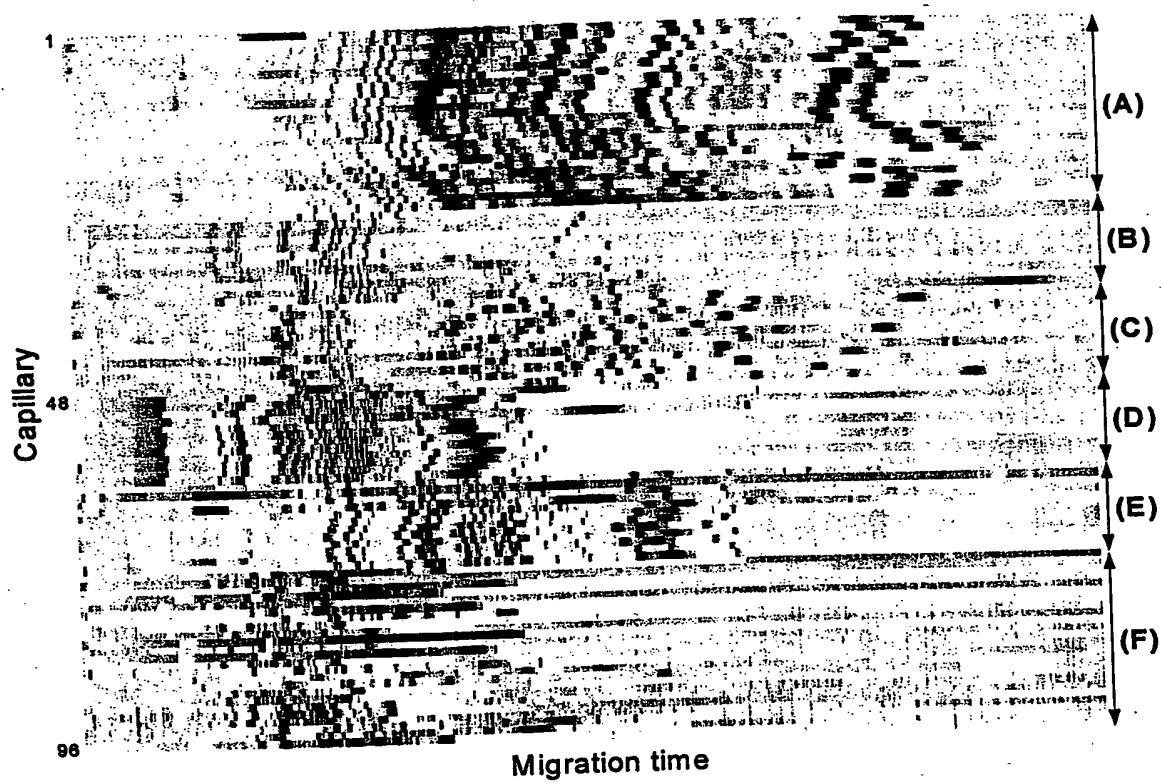


FIG. 12

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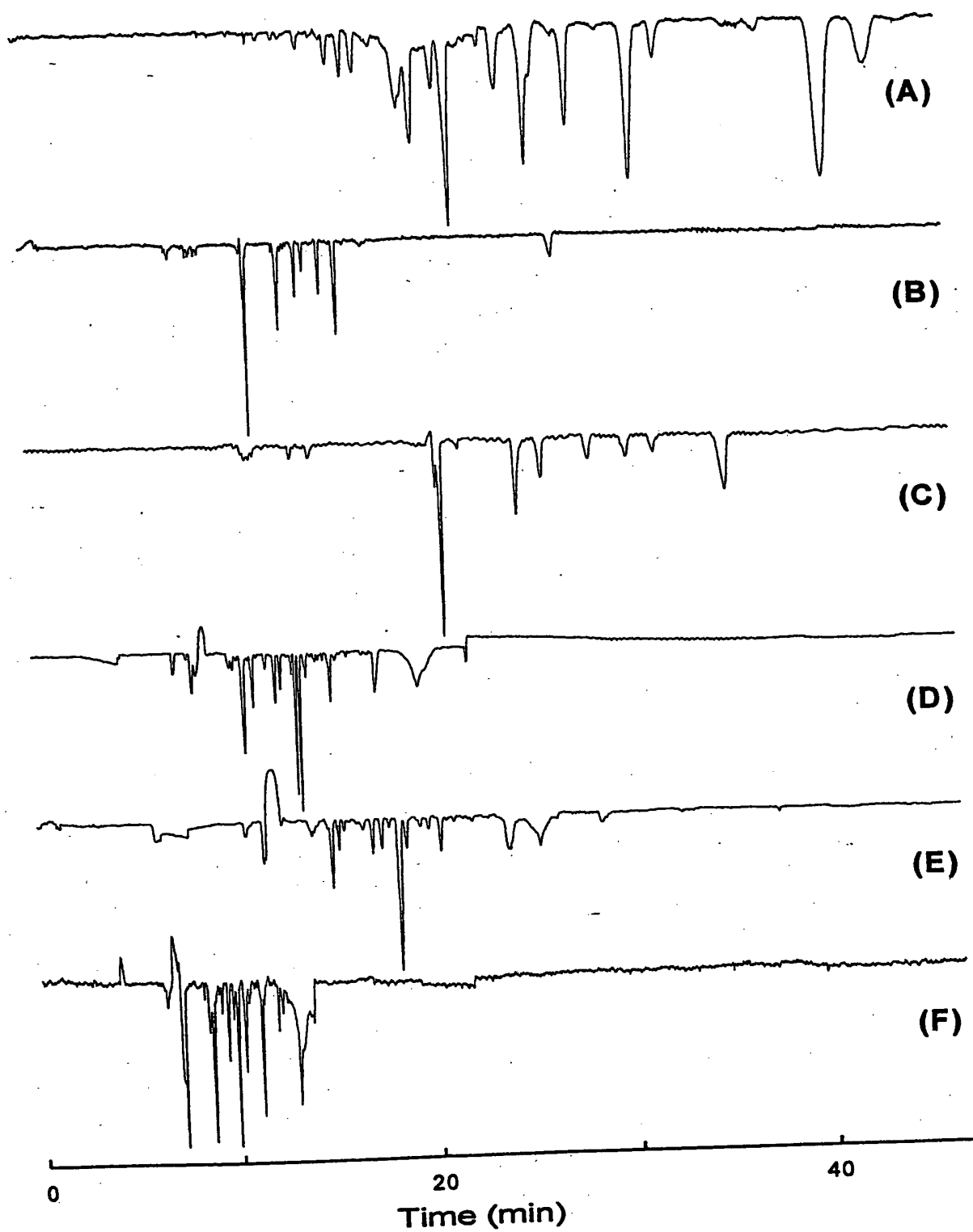


FIG. 13

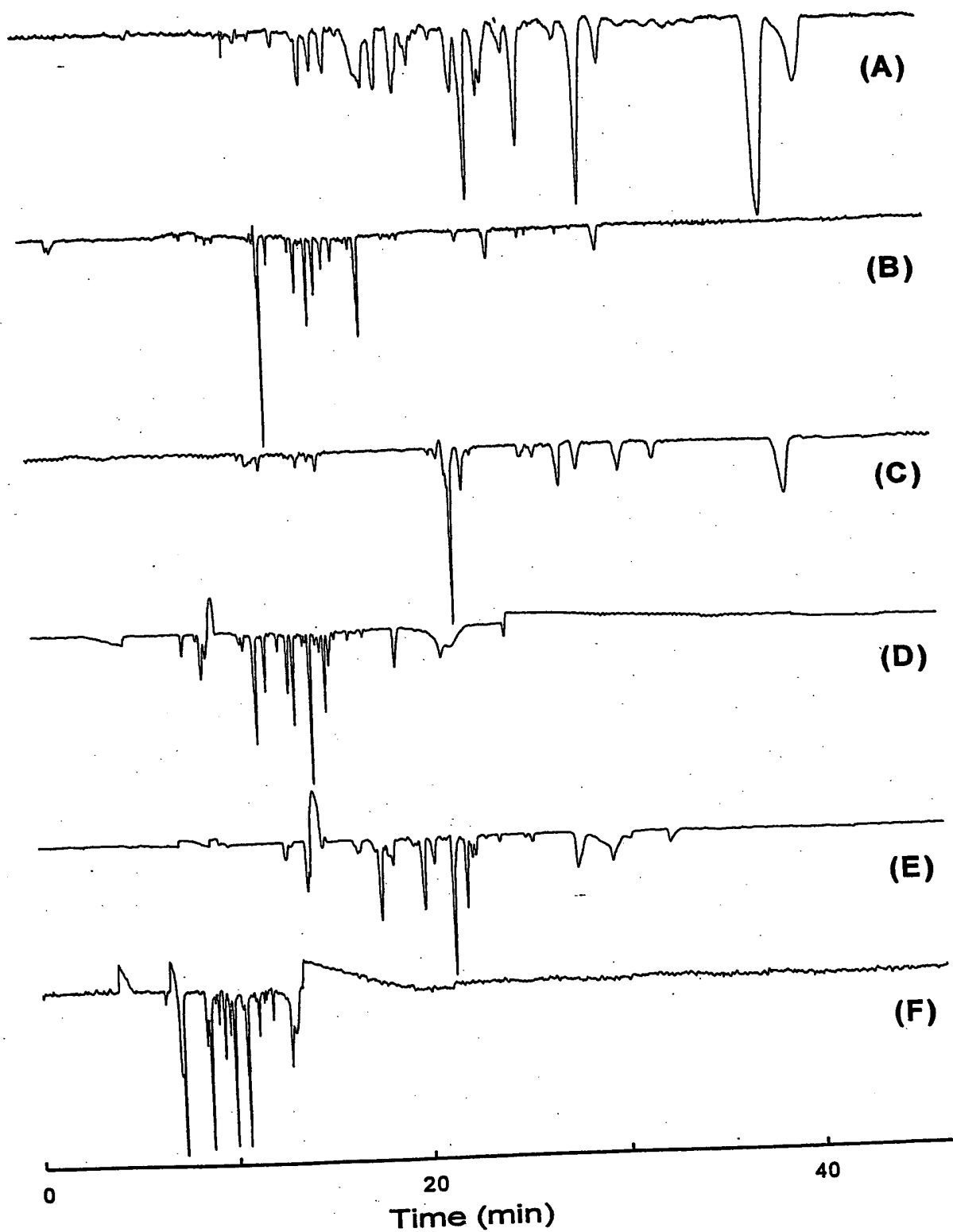


FIG. 14

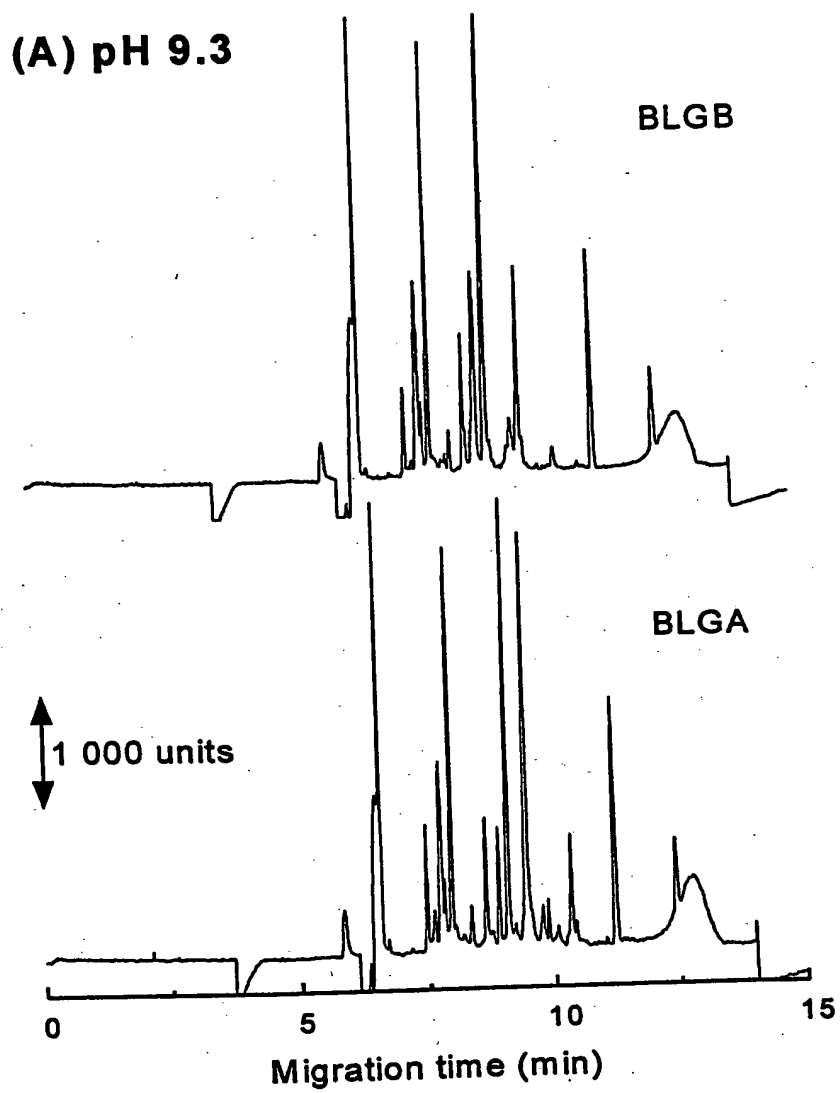
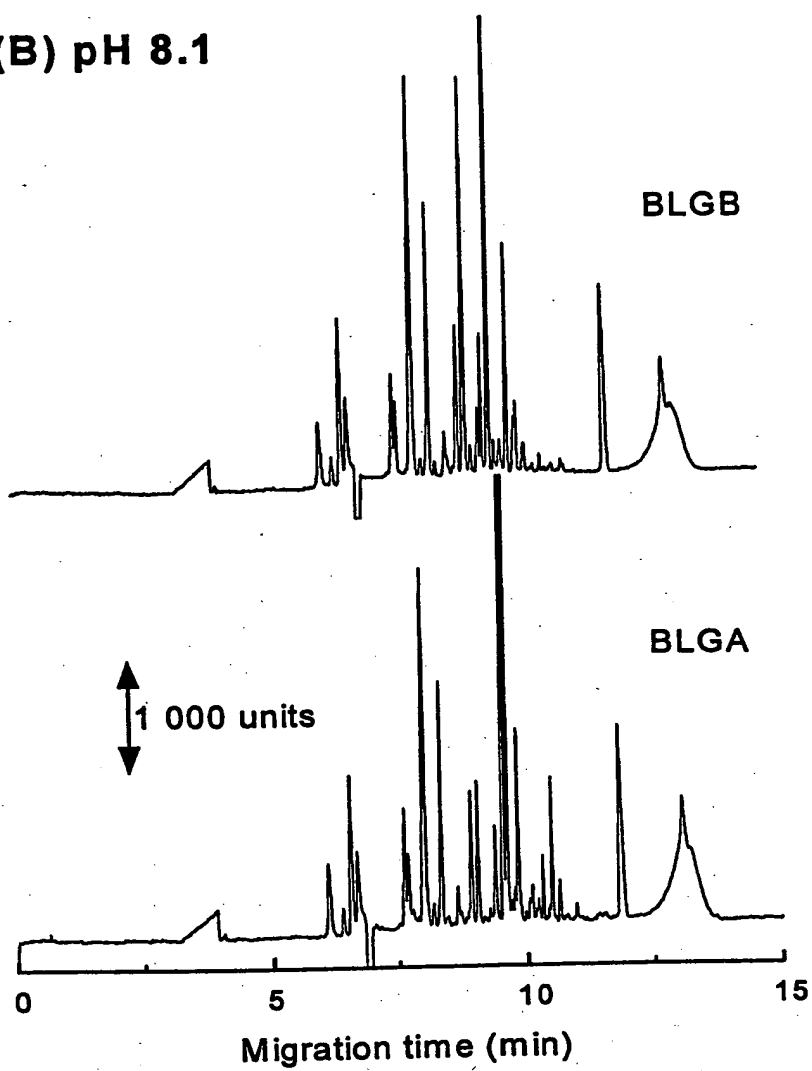
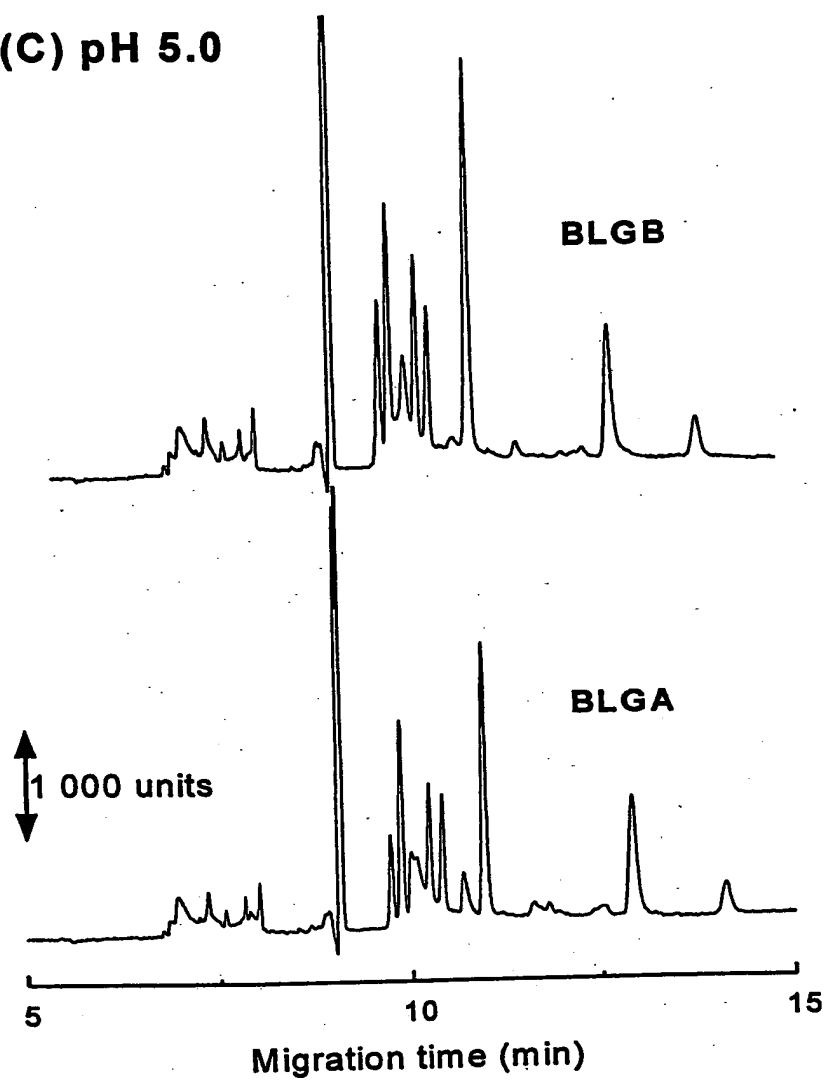


FIG. 15A

(B) pH 8.1**FIG. 15B**

(C) pH 5.0**FIG. 15C**

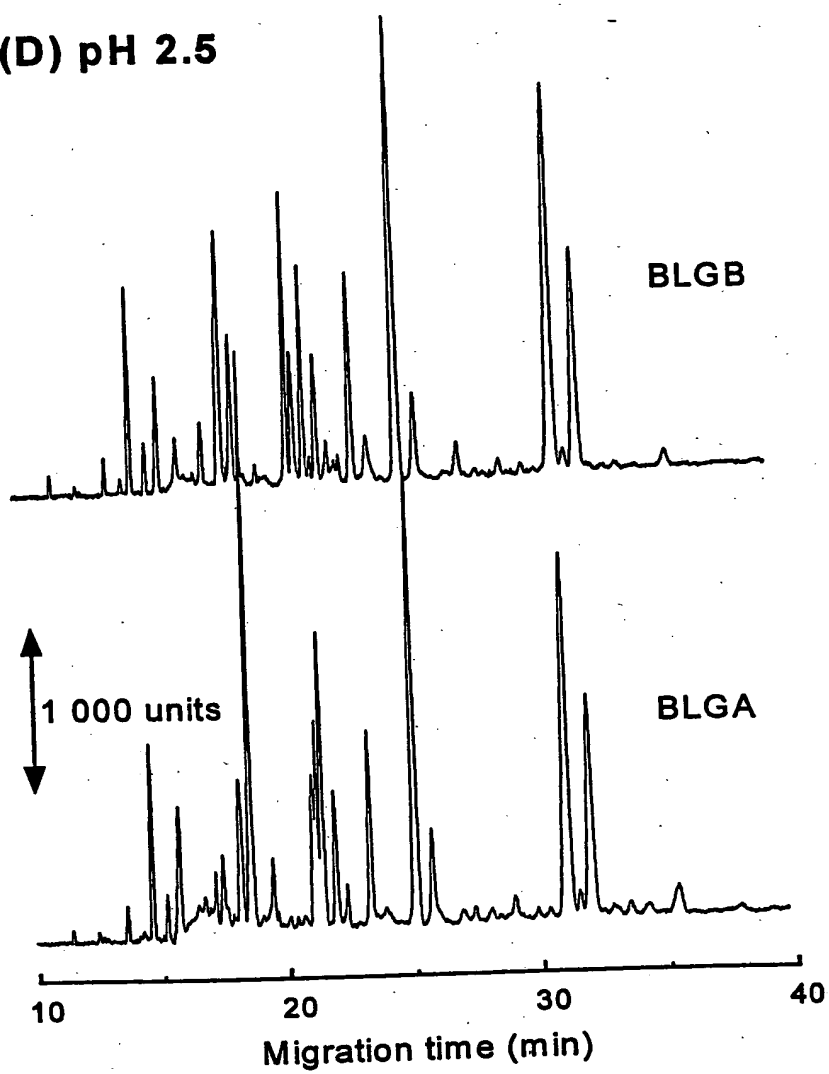
(D) pH 2.5

FIG. 15D

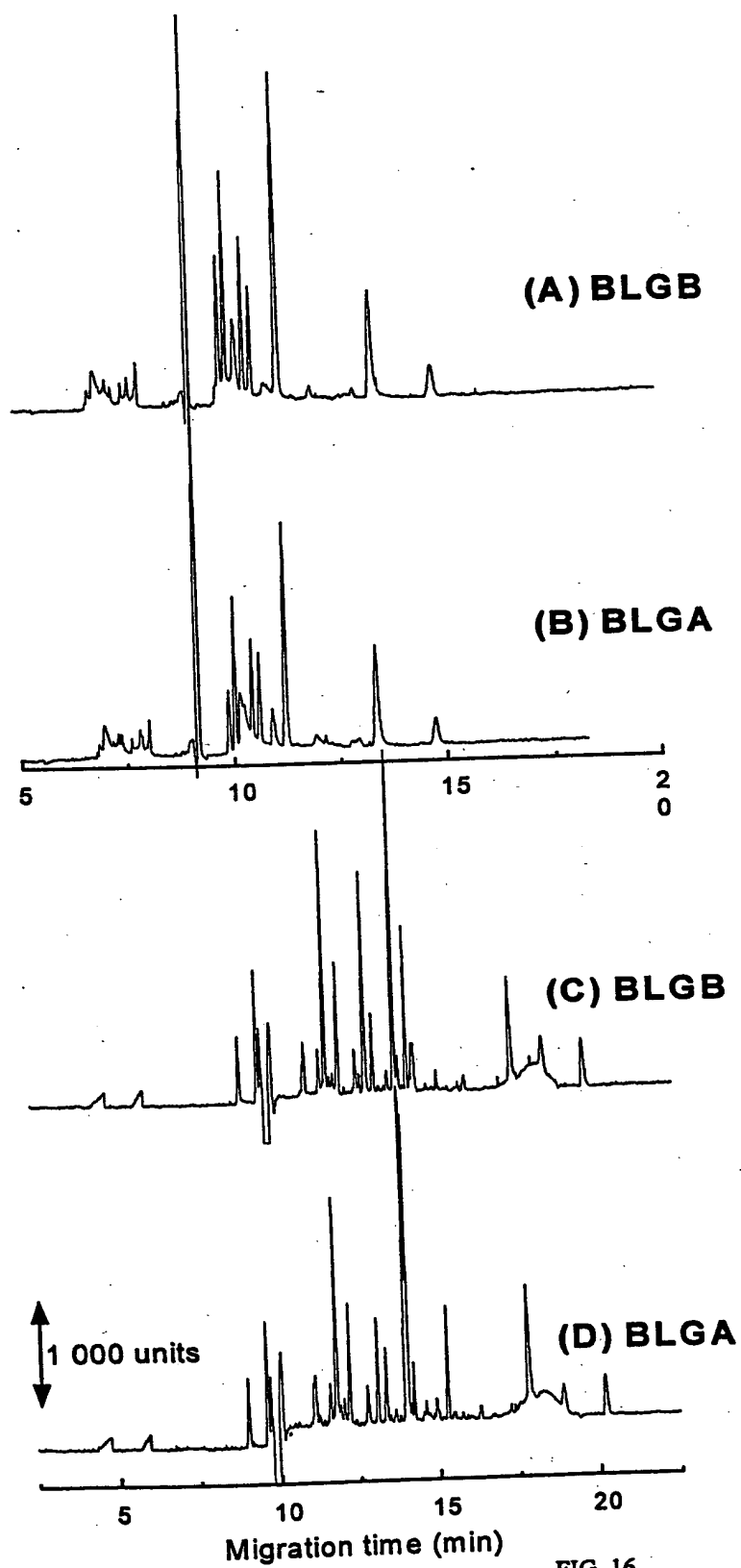


FIG. 16

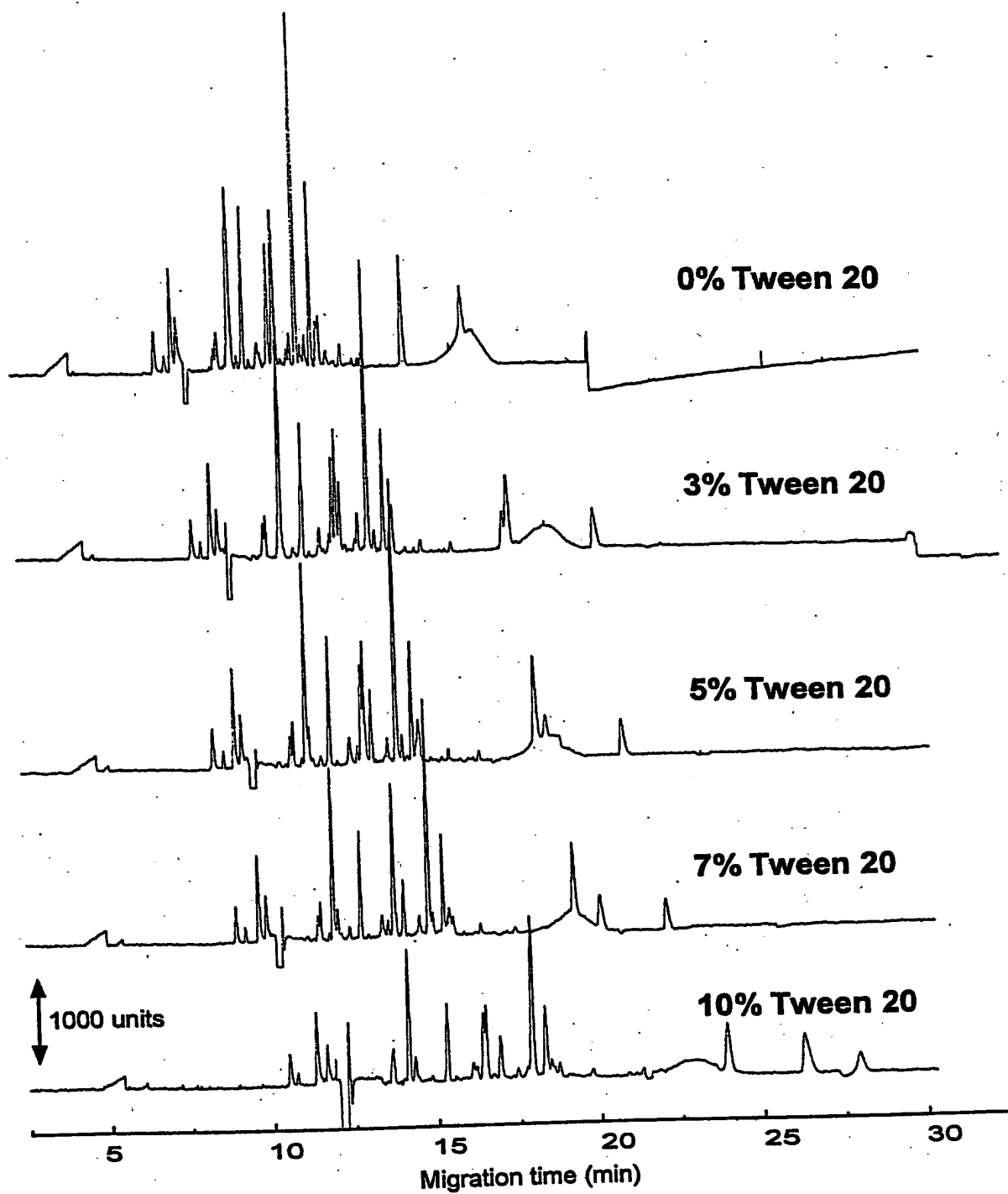


FIG. 17

Electrokinetic Injection Results

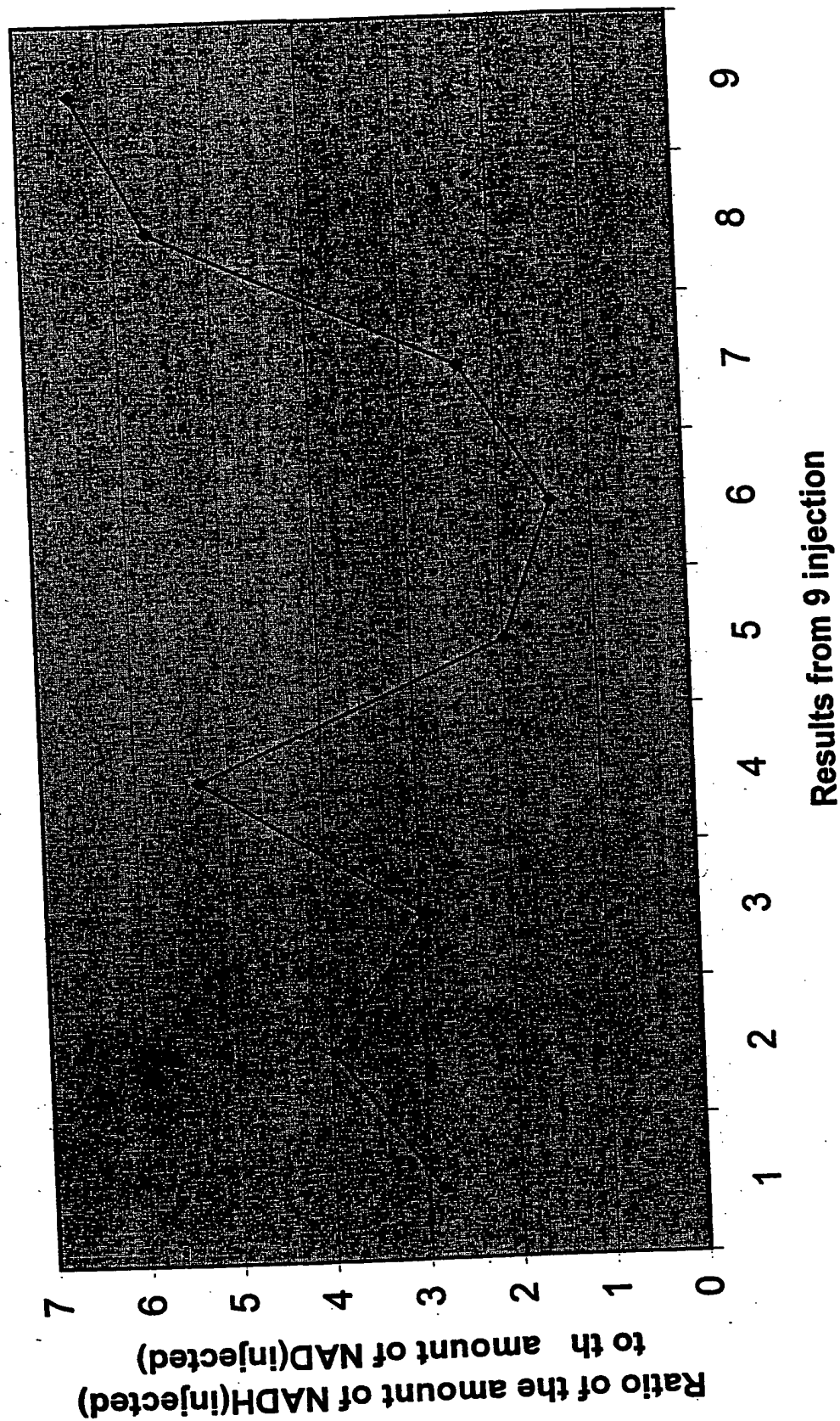
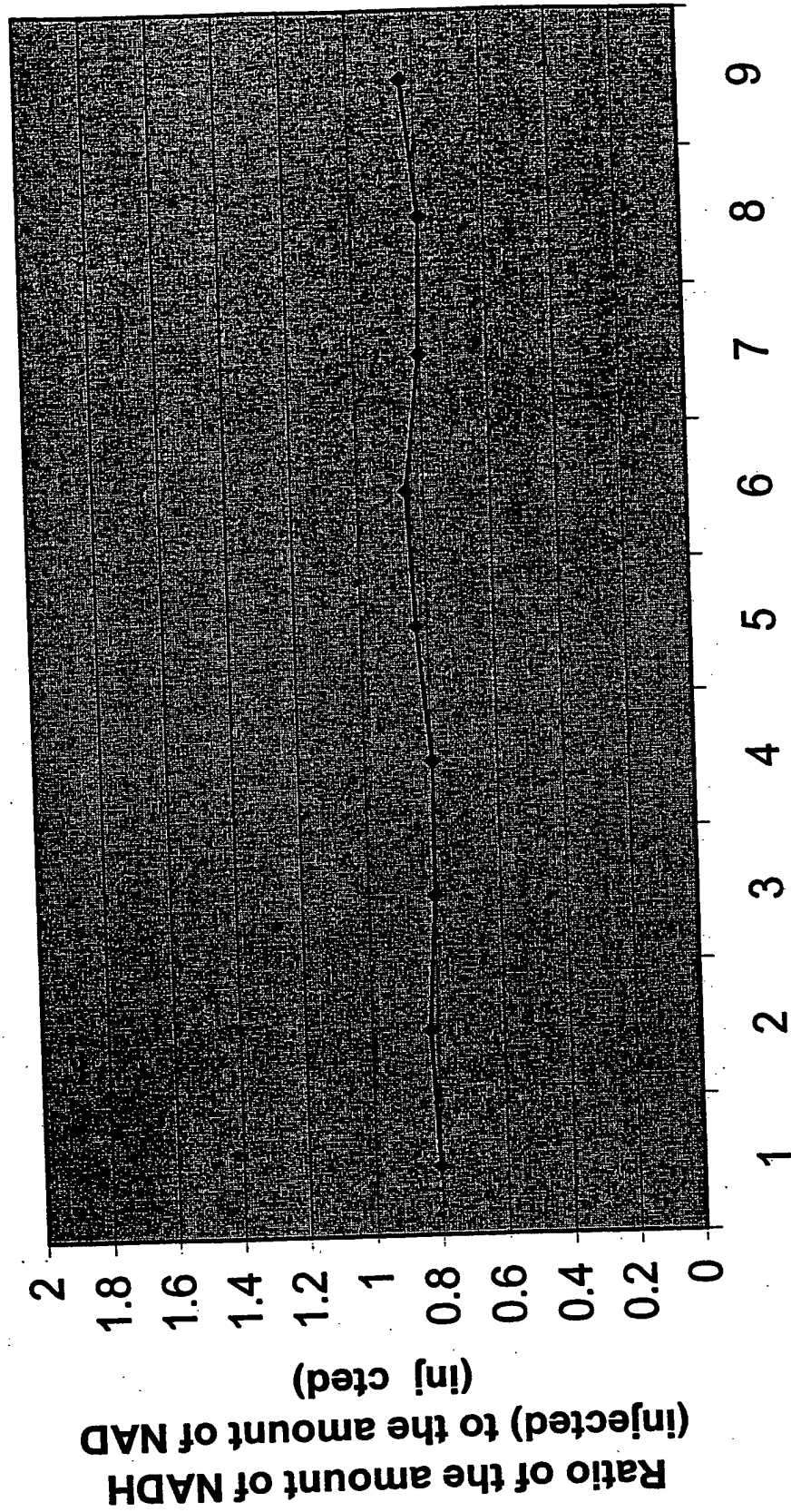


FIG. 18A

Hydrodynamic Injection Results



Results of 9 Injections

FIG. 18B

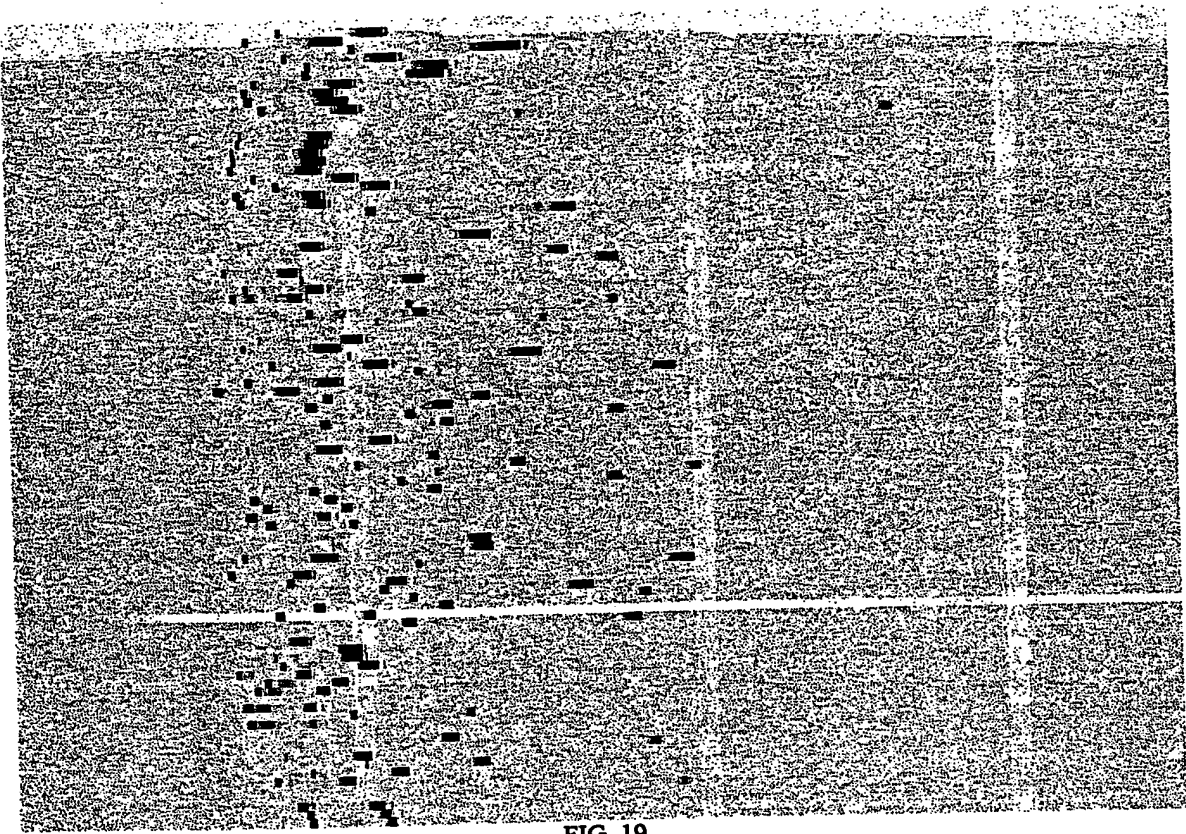


FIG. 19

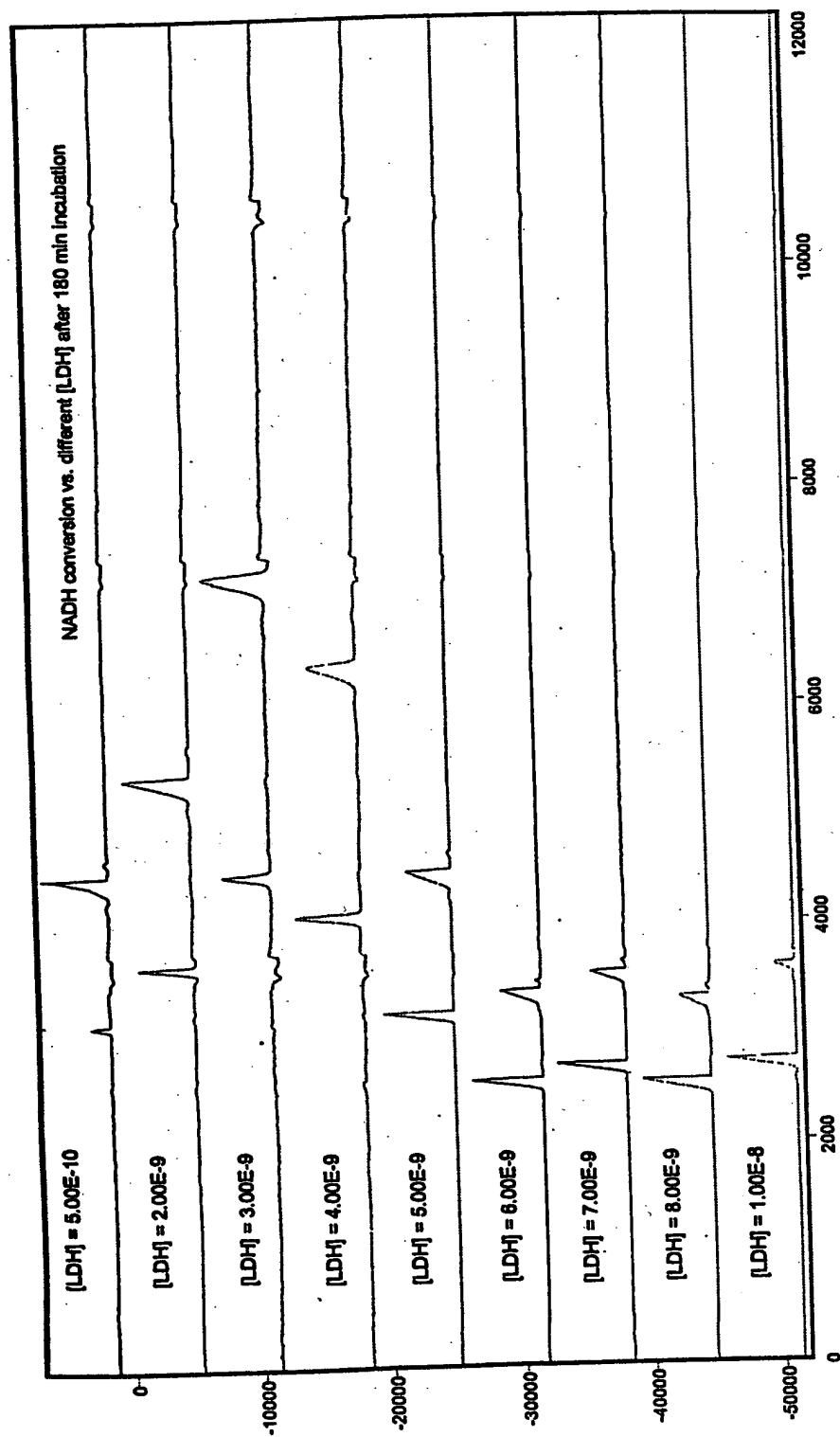


FIG. 20

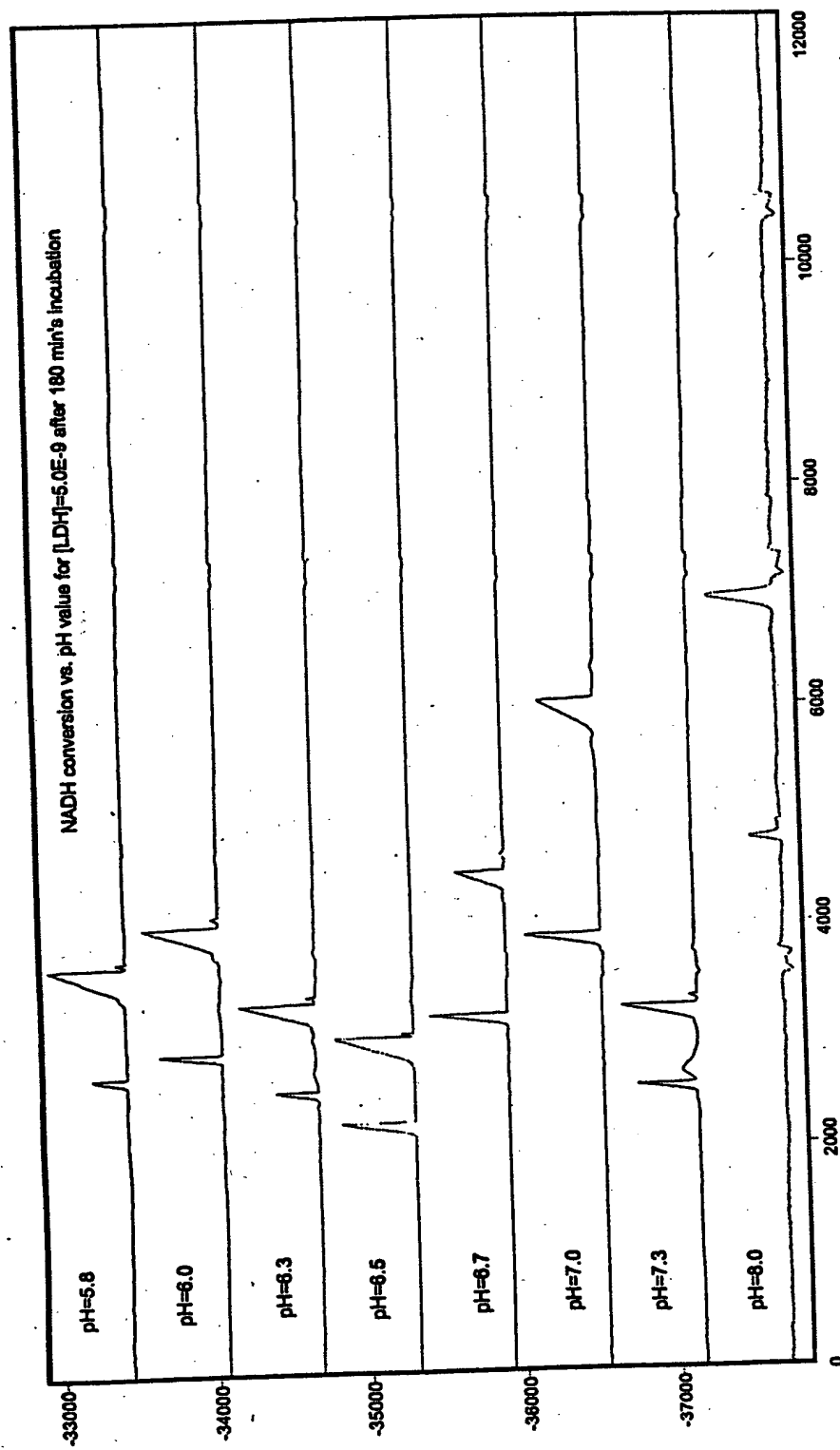


FIG. 21

180 min incubation result

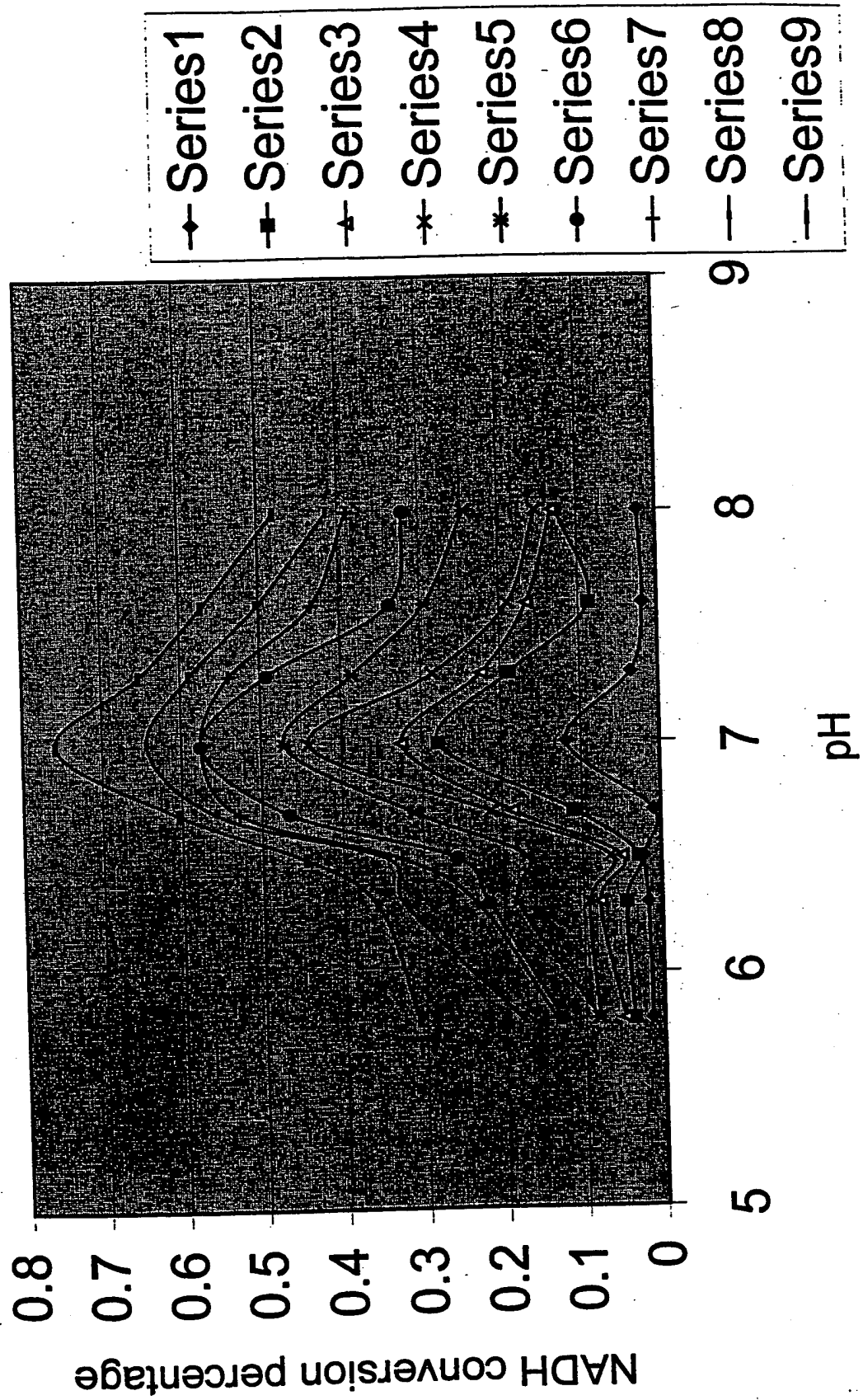


FIG. 22

LDH catalysis curve (30 min)

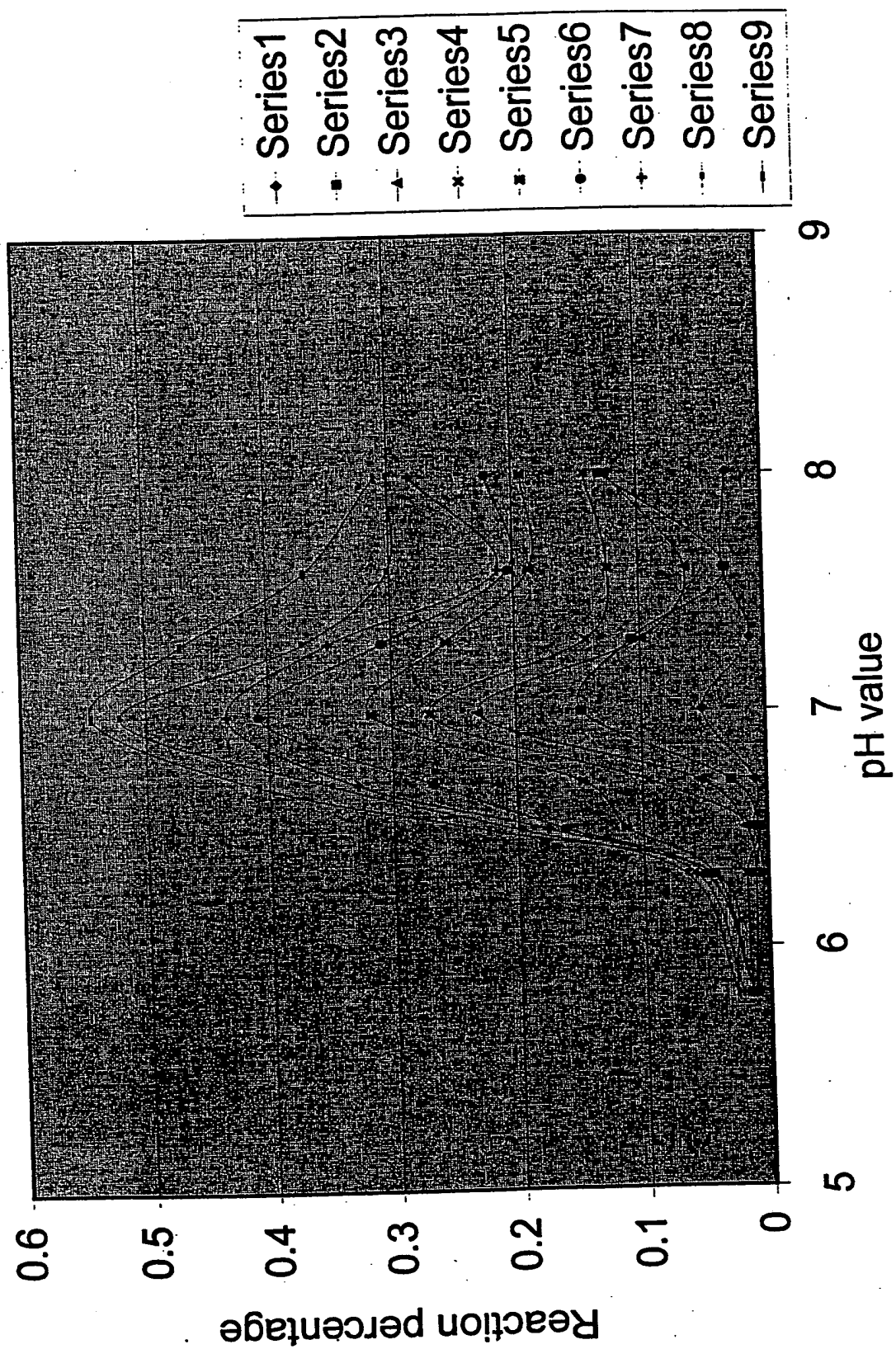


FIG. 23

LDH catalysis curve (24 hour)

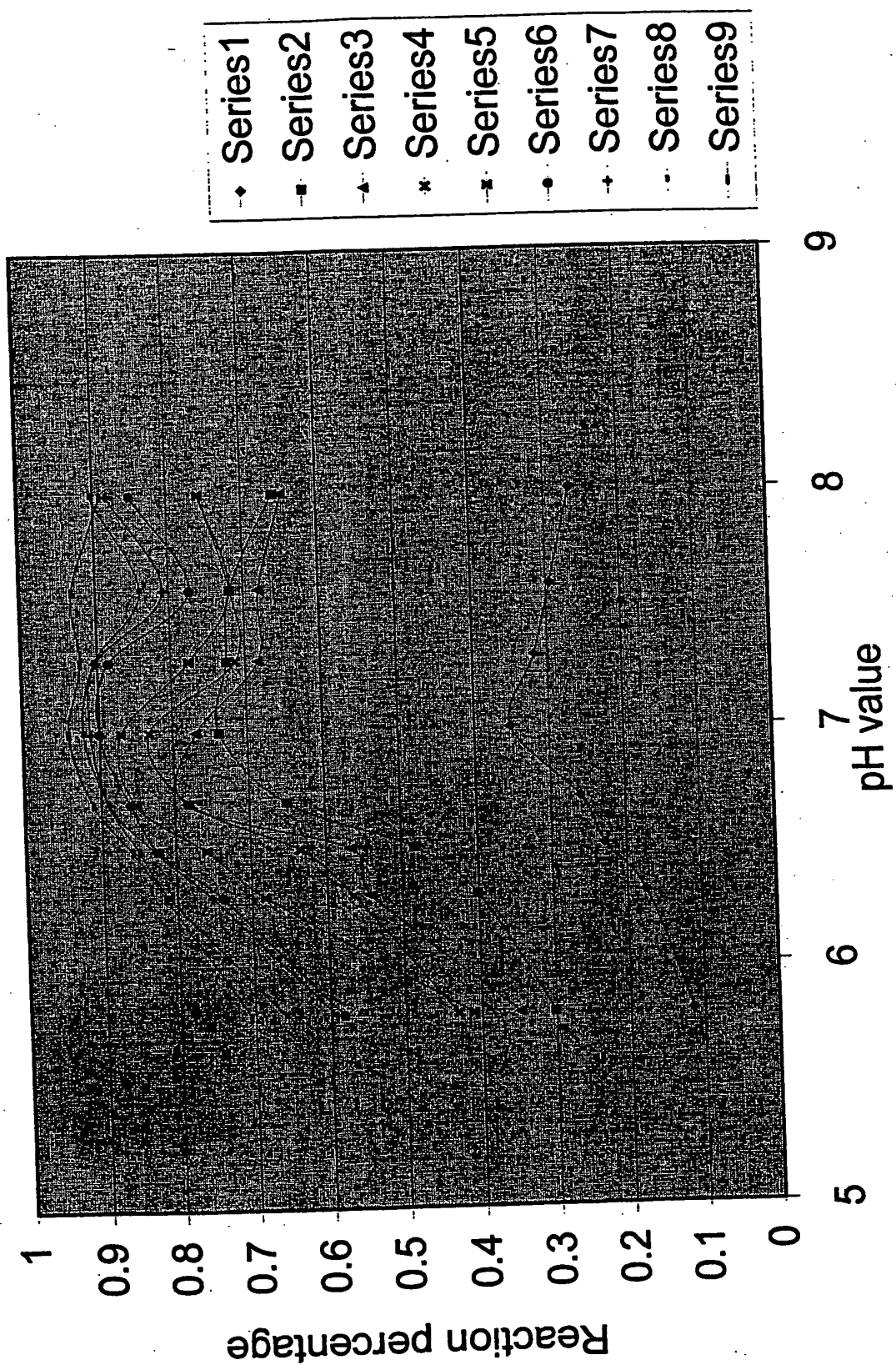


FIG. 24

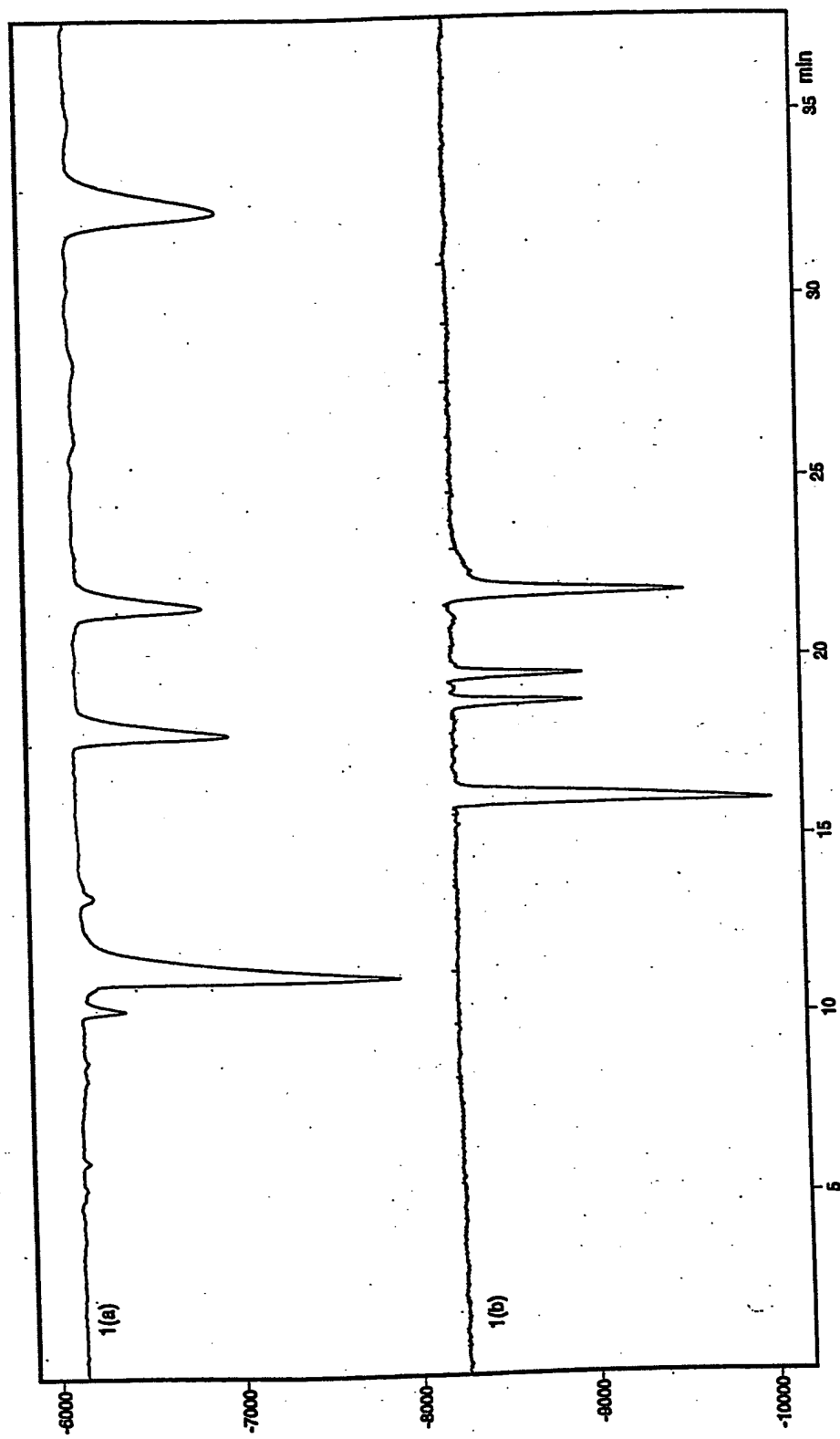


FIG. 25

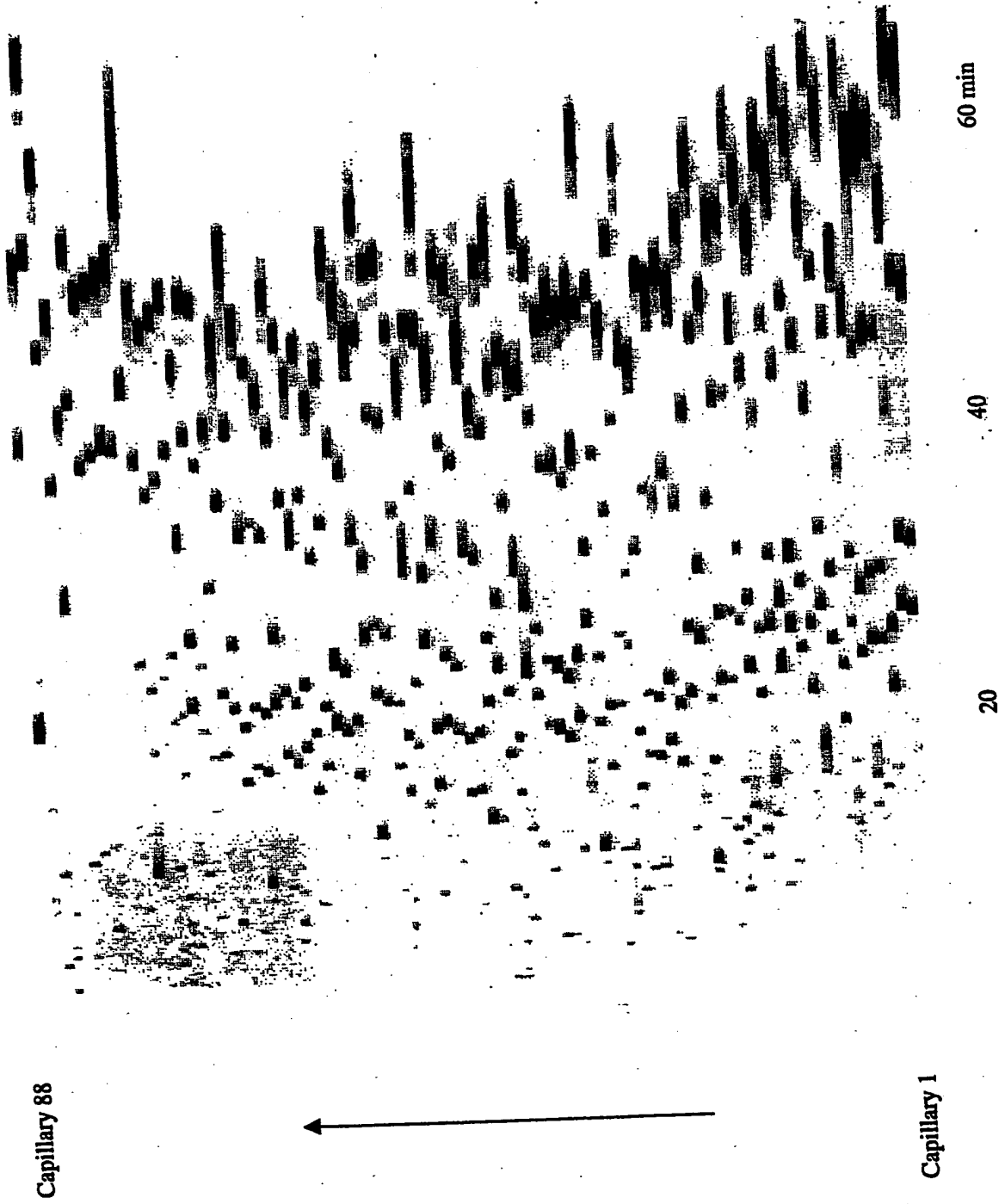


FIG. 26

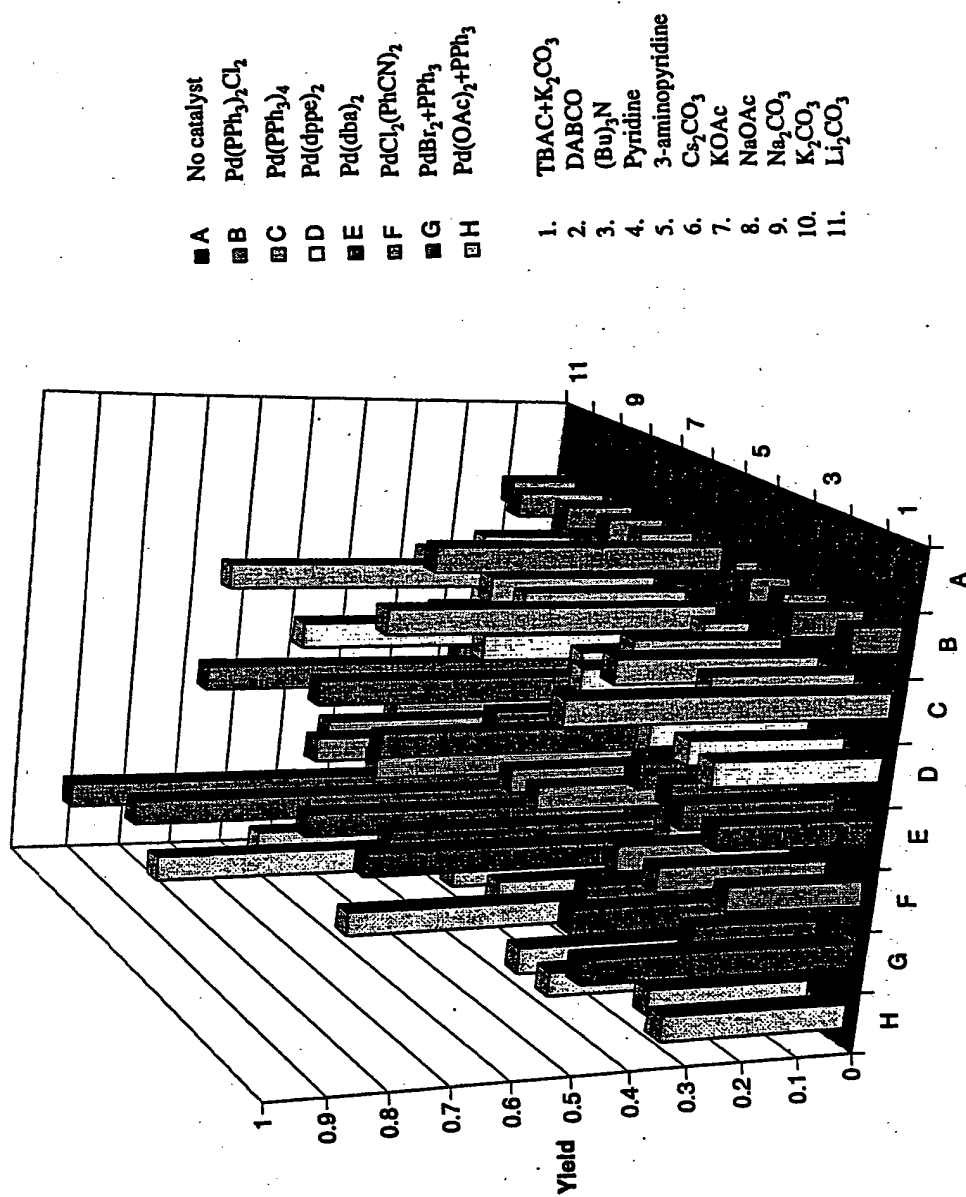


FIG. 27

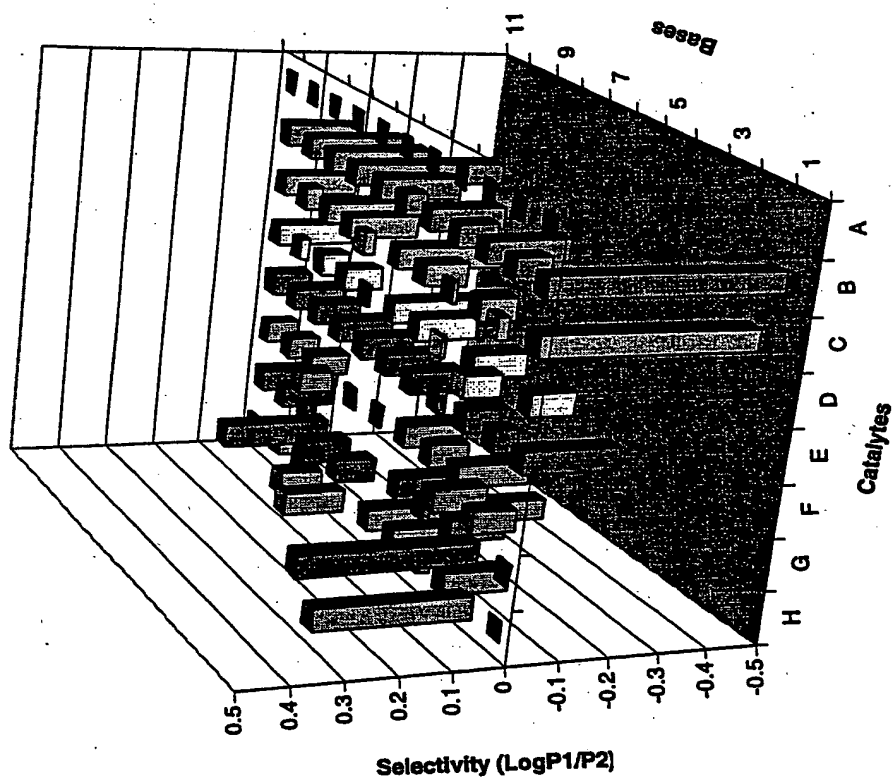


FIG. 28

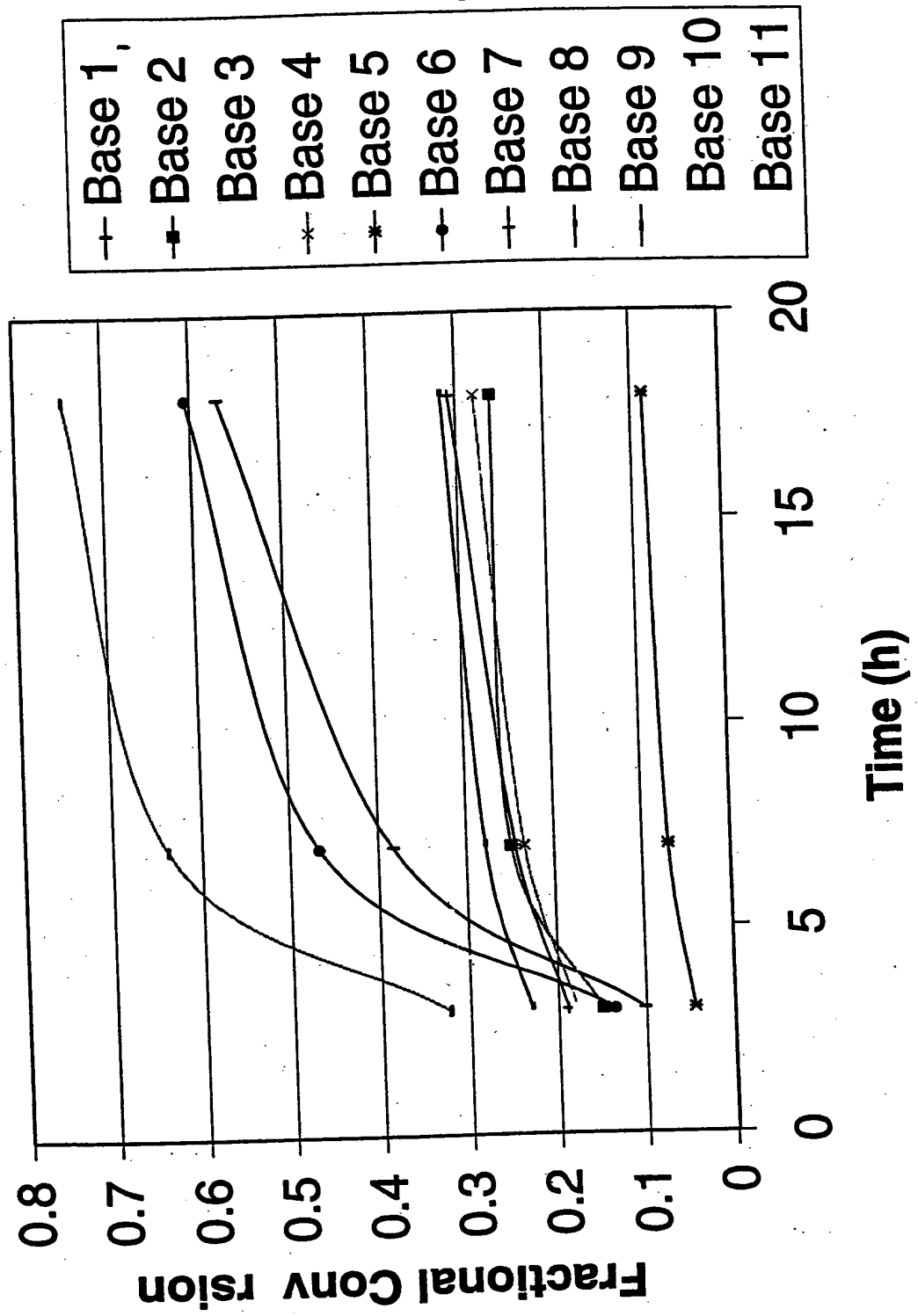


FIG. 29